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ABSTRACT OF THE DISCLOSURE

0034 A dual semiconductor wafer slippage, or loss, and water-resistant sensor holder for chemical mechanical polishing (CMP) semiconductor fabrication equipment is disclosed. The holder has a body and a cover. The body is designed to hold two wafer slippage sensors at an angle to a vertical plane, such as substantially fifteen degrees, and has a window to allow the sensors to detect wafer slippage. The cover is situated over the window of the body to prevent slurry from spraying and drying onto the sensors during high-pressure rinse cleaning of a platen of the CMP semiconductor fabrication equipment.